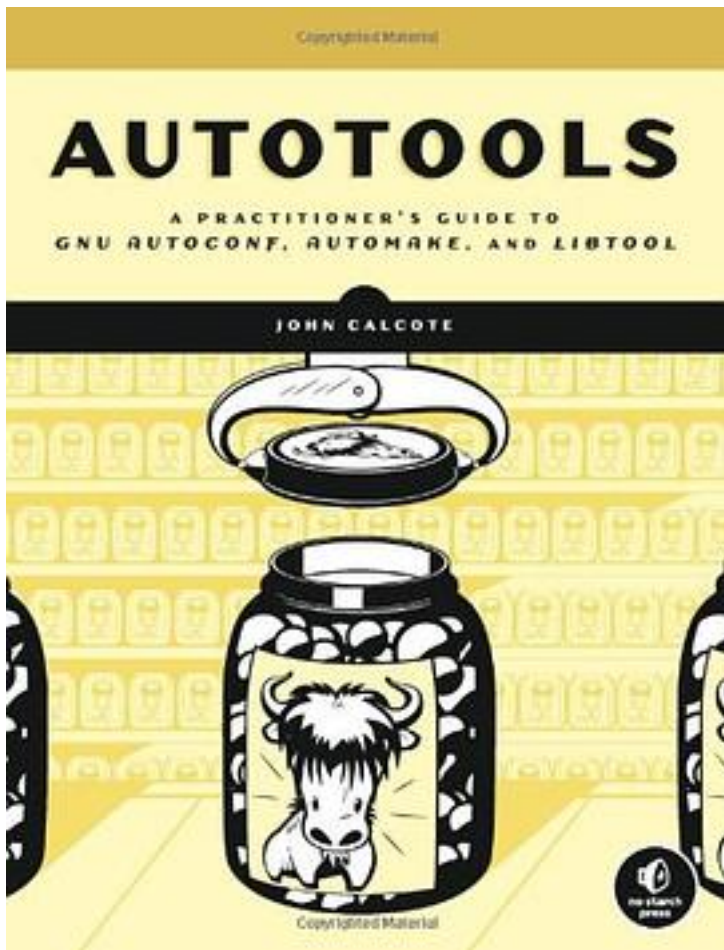# Autotools

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著者:John Calcote

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The GNU Autotools make it easy for developers to create software that is portable across many Unix-like operating systems. Although the Autotools are used by thousands of open source software packages, they have a notoriously steep learning

curve. And good luck to the beginner who wants to find anything beyond a basic reference work online. Autotools Autotools is the first book to offer programmers a tutorial-based guide to the GNU build system. Author John Calcote begins with an overview of high-level concepts and a quick hands-on tour of the philosophy and design of the Autotools. He then tackles more advanced details, like using the M4 macro processor with Autoconf, extending the framework provided by Automake, and building Java and C# sources. He concludes the book with detailed solutions to the most frequent problems encountered by first-time Autotools users. You'll learn how to: * Master the Autotools build system to maximize your software's portability * Generate Autoconf configuration scripts to simplify the compilation process * Produce portable makefiles with Automake * Build cross-platform software libraries with Libtool * Write your own Autoconf macros Autotools focuses on two projects: Jupiter, a simple "Hello, world!" program, and FLAIM, an existing, complex open source effort containing four separate but interdependent subprojects. Follow along as the author takes Jupiter's build system from a basic makefile to a full-fledged Autotools project, and then as he converts the FLAIM projects from complex hand-coded makefiles to the powerful and flexible GNU build system.

作者介绍:

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标签

autotools

linux

gnu

Linux

编程

make

Programming

软件开发

评论

长时间不用了，忘完了，重读一遍

很不错的书。

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best autotools book i've seen so far

感觉作者不怎么擅长教人学习，写出来的东西读来有种只见树木不见森林的感觉

读完这本后，决定以后有这样的书一定不看Reference Manual...

好书。现在市面上讲 autotools 的也就两本。这本要比山羊书好。

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书评

经过一次次非常痛苦的 build from source 过程，
我终于决心系统学习这方面的知识.这本书主要讲 GNU build system，
几乎是这方面唯一可以参考的书籍. 非常系统讲解了 autoconf, automake, libtool
这三个模块, 相比 GNU manual, 更加容易学习. 作者形容他自己的学习过程是 by tr...

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